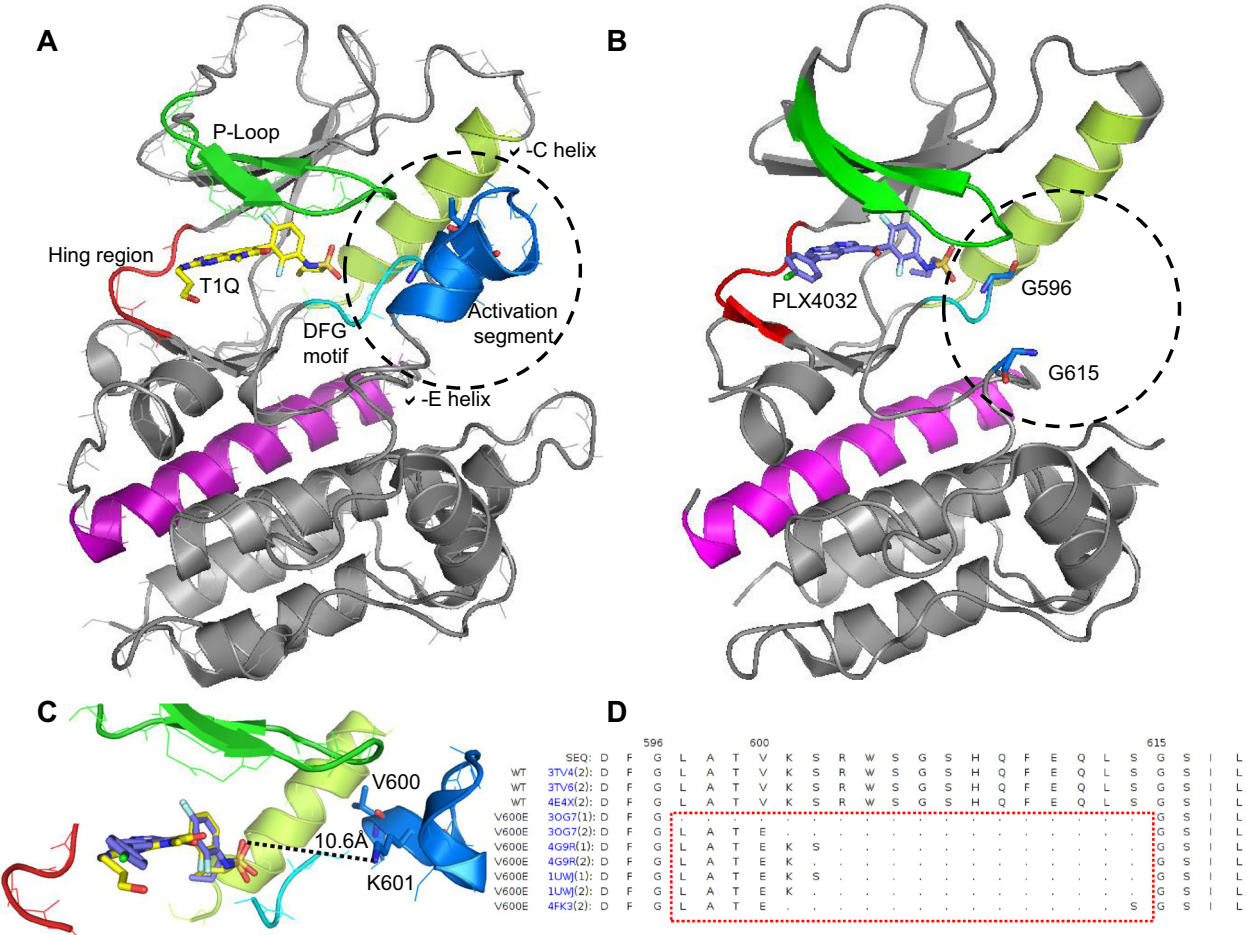
A
P-Loop
C helix
Hing region
T1Q
DFG
motif
Activation
segment
E helix
B
PLX4032
G596
G615
C
V600
10.6Å
K601
D
596
600
615
SEQ: D F G L A T V K S R W S G S H Q F E Q L S G S I L
WT 3TV4(2): D F G L A T V K S R W S G S H Q F E Q L S G S I L
WT 3TV6(2): D F G L A T V K S R W S G S H Q F E Q L S G S I L
WT 4E4X(2): D F G L A T V K S R W S G S H Q F E Q L S G S I L
V600E 3OG7(1): D F G L A T E G S I L
V600E 3OG7(2): D F G L A T E G S I L
V600E 4G9R(1): D F G L A T E K S G S I L
V600E 4G9R(2): D F G L A T E K G S I L
V600E 1UWJ(1): D F G L A T E K S G S I L
V600E 1UWJ(2): D F G L A T E K G S I L
V600E 4FK3(2): D F G L A T E S G S I L